

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-42. (Cancelled)

43. (New) An isolated or recombinant polypeptide comprising a sialyltransferase polypeptide; wherein the sialyltransferase polypeptide has α -2,3-sialyltransferase activity; and

wherein the sialyltransferase polypeptide comprises an amino acid sequence that is at least about 80% identical to an amino acid sequence as set forth in SEQ ID NO:10.

44. (New) The polypeptide of claim 43, wherein the sialyltransferase polypeptide comprises SEQ ID NO:10.

45. (New) A fusion protein comprising a sialyltransferase polypeptide and a tag for purification; wherein the sialyltransferase polypeptide has α -2,3-sialyltransferase activity; and wherein the sialyltransferase polypeptide comprises an amino acid sequence that is at least about 80% identical to an amino acid sequence as set forth in SEQ ID NO:10.